

CLAIMS

1. A polymerizable composition comprising:
a cycloolefin monomer (A),
a filler (B),
a polymer (C) having a carboxyl group or a carboxylic anhydride group and having an acid value in the range of 0.1 to 100 mgKOH/g,
and
a metathesis polymerization catalyst (D).
2. The polymerizable composition according to claim 1, further comprising a chain transfer agent.
3. The polymerizable composition according to claim 1, further comprising a crosslinking agent.
4. The polymerizable composition according to claim 1, further comprising a chain transfer agent and a crosslinking agent.
5. A molded product obtained by bulk polymerization of the polymerizable composition as claimed in claims 1 to 4.
6. The molded product according to claim 5, obtained by coating the polymerizable composition on a supporting body, followed by bulk polymerization.
7. The molded product according to claim 5, obtained by injecting the polymerizable composition into a cavity of a forming

mold, followed by bulk polymerization.

8. The molded product according to claim 5, obtained by impregnating a fiber reinforcement with the polymerization composition, followed by bulk polymerization.

9. A crosslinked resin molded product obtained by bulk polymerization of the polymerizable composition as claimed in claim 3, followed by crosslinking of the bulk polymer.

10. A crosslinked resin molded product obtained by heating and melting a molded product obtained by bulk polymerization of the polymerizable composition as claimed in claim 4 so as to be crosslinked, at the temperature higher than the peak temperature during the bulk polymerization.

11. A crosslinked resin composite obtained by laminating a molded product obtained by bulk polymerization of the polymerizable composition as claimed in claim 4 on a base material, followed by heating and melting the laminate.

WHAT IS CLAIMED IS:

1. A polymerizable composition comprising:
a cycloolefin monomer (A),
a filler (B),
a polymer (C) having a carboxyl group or a carboxylic anhydride group and having an acid value in the range of 0.1 to 100 mgKOH/g,
and
a metathesis polymerization catalyst (D).
2. The polymerizable composition according to claim 1, further comprising a chain transfer agent.
3. The polymerizable composition according to claim 1, further comprising a crosslinking agent.
4. The polymerizable composition according to claim 1, further comprising a chain transfer agent and a crosslinking agent.
5. A molded product obtained by bulk polymerization of the polymerizable composition as claimed in claim 1.
6. The molded product according to claim 5, obtained by coating the polymerizable composition on a supporting body, followed by bulk polymerization.
7. The molded product according to claim 5, obtained by injecting the polymerizable composition into a cavity of a forming

mold, followed by bulk polymerization.

8. The molded product according to claim 5, obtained by impregnating a fiber reinforcement with the polymerization composition, followed by bulk polymerization.

9. A crosslinked resin molded product obtained by bulk polymerization of the polymerizable composition as claimed in claim 3, followed by crosslinking of the bulk polymer.

10. A crosslinked resin molded product obtained by heating and melting a molded product obtained by bulk polymerization of the polymerizable composition as claimed in claim 4 so as to be crosslinked, at the temperature higher than the peak temperature during the bulk polymerization.

11. A crosslinked resin composite obtained by laminating a molded product obtained by bulk polymerization of the polymerizable composition as claimed in claim 4 on a base material, followed by heating and melting the laminate.